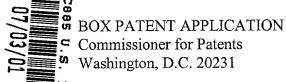


July 3, 2001



Re:

Application of Marcellin ESPEILLAC and Pierre CRESPIN

PROCEDURE AND DEVICE FOR CRACKING OF HYDROCARBONS

USING TWO SUCCESSIVE REACTION CHAMBERS Assignee: TOTAL RAFFINAGE DISTRIBUTION S.A.

Our Ref. Q65076

Dear Sir:

Attached hereto is the application identified above including thirty-five (35) sheets of the specification, including the claims and abstract, and four (4) sheets of formal drawings. The requisite U.S. Government filing fee, the executed Declaration and Power of Attorney and Assignment will be submitted at a later date. Also enclosed is an Information Disclosure Statement and PTO Form 1449 with references.

The Government filing fee is calculated as follows:

Total claims	28 - 20	= 8 x	\$18.00 =	\$144.00
Independent claims	2 - 3	= x	\$80.00 =	\$.00
Base Fee				\$710.00

TOTAL FEE ______\$854.00

Priority is claimed from July 05, 2000 based on French Application No. 0008732. The priority document are enclosed herewith.

Respectfully submitted, SUGHRUE, MION, ZINN,

MACPEAK & SEAS, PLLC

Attorneys for Applicant

By: /

Robert J. Seas, Ir. Registration No. 21,092

RJS:rwl